

Converting Colors

Hex(34CF46)

Have a look what the booklet for
Hex(34CF46) contains.

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Color

Hex(34CF46)

Conversions

Conversions Part 1

Format	Color
Hex	34CF46
RGB	52, 207, 70
RGB Percent	20%, 81%, 27%
CMY	0.7961, 0.1882, 0.7255
CMYK	0.75, 0.00, 0.66, 0.19
HSL	127°, 62%, 51%
HSV	127°, 75%, 81%
XYZ	24.8345, 45.7979, 13.3253
YIQ	145.0370, -48.4030, -75.4670

Conversions

Conversions Part 2

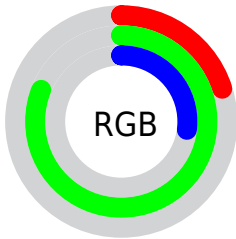
Format	Color
RYB	52, 191, 207
Decimal	3460934
CIELab	73.41, -65.76, 54.87
CIELCh	73, 85.639, 140.159
Yxy	45.7979, 0.2958, 0.5455
Android (android.graphics.Color)	4281651014 (0xFF34CF46)
YUV	145.0370, -36.9932, -81.5934
Hunter-Lab	67.6742, -52.9253, 35.6975

Details

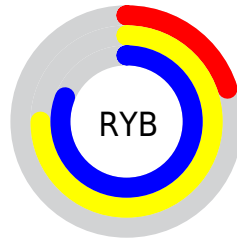
The Hex color **34CF46** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CF34BD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7AFF7C**, and **009703** is the 20% darker color. If you saturate the color by 10%, you get **1FCF34**, and if you desaturate by 10%, it is **49CF58**.

Distribution



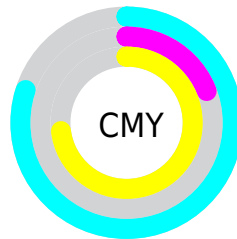
- Red (20%)
- Green (81%)
- Blue (27%)



- Red (20%)
- Yellow (75%)
- Blue (81%)



- Cyan (75%)
- Magenta (0%)
- Yellow (66%)
- Black (19%)



- Cyan (80%)
- Magenta (19%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34CF46 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 34CF46 by changing the saturation by 10% instead.

 34CF46

 34CF46

FFFFFF

 00B32A

 7AFF7C

 009703

 99FF97

 007C00

 B8FFB3

 006200

 D6FFD0

 004800

 F5FFED

 003100

 001400

 000000

 34CF46

 34CF46

 1FCF34

 49CF58

 0BCF21

 5DCF6B

 00CF18

 72CF7D

 87CF8F

 9BCFA1

 B0CFB4

 C5CFC6

 DACFD8

 EECFEB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A6C000



34CF46



00D697

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34CF46



00C5FF



FF6383

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



34CF46



CF34BD

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF62D2



34CF46



76ABFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34CF46



00D3FF



F885FF



FF853A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34CF46



00D8CE



F885FF



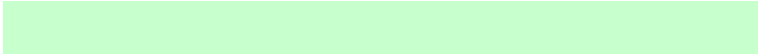
FF5E9D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



34CF46



C7FFCD



C0CF34



5E8062



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34CF46



19FF34



34CF91



5E695F



00A814



002905

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CF34BD



FF19E4



CF3472



695E67



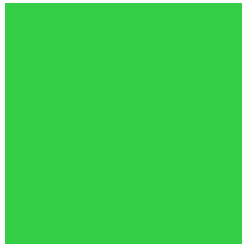
A80095



290024

Previews

White Background



This preview shows how the Hex color 34CF46 looks on a white background.

Color Contrast Check

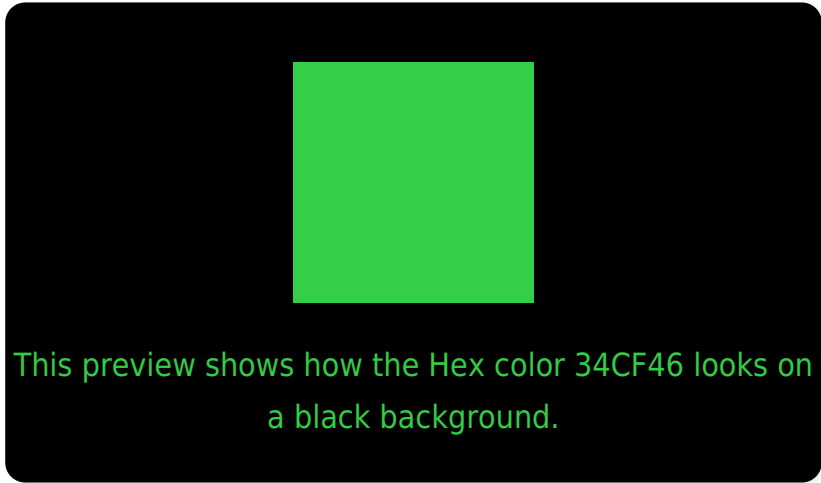
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 34CF46 Background



This preview shows how black text looks on a background with the Hex color 34CF46.

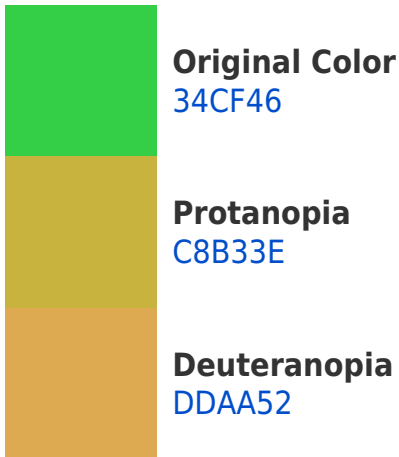


This preview shows how white text looks on a background with the Hex color 34CF46.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
60C2D1

Trichromacy



Original Color

34CF46



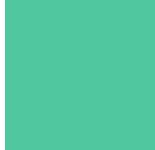
Protanomaly

92BD41



Deuteranomaly

A0B74E



Tritanomaly

50C79E

Monochromacy



Original Color

34CF46



Achromatopsia

919191



Achromatomaly

6FA876

CSS Examples

Text

The CSS property to change the color of the text to Hex 34CF46 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #34CF46 looks like.

```
.text, #text, p{  
    color:#34CF46  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #34CF46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CF46
}
```

Border

The CSS property to change the border of an element to Hex 34CF46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34CF46 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#34CF46 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #34CF46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CF46; -webkit-box-shadow:4px 4px  
4px 4px #34CF46; box-shadow:4px 4px 4px  
4px #34CF46 }
```

Background

The CSS property to change the background color of an element to Hex 34CF46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CF46 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#34CF46 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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